

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-11 10:33:18  
 Date of Next Testing: 2026-10-10 10:33:18  
 Product Name: **Acetonitrile**  
 CAS Number: 75-05-8  
 Specifications & Purity: for spectroscopy, ≥99.8%  
 Lot #: J2209018  
 SKU #: **A104444**  
**Analysis: 142386**

Parameter	Limit Values	Result
Color Test	0-10	8.23
Acidity/alkalinity	0-0.0002 (mg/g)	0.00 mg/g
UV Absorbance 193nm	0-1	0.26
Density (20°C)	0.781-0.785	0.78
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.36 ppb
Assay	99.8-100 (%)	99.99%
Acidity	0-0.0005 (mg/g)	0.00 mg/g
Evaporation Residue	0-0.0005 (%)	0.00%
Refractive index n <sub>20</sub> /D	1.343-1.346	1.34
UV Absorbance 250nm	0-0.01	0.01
UV Absorbance 220nm	0-0.1	0.09
UV Absorbance 400nm	0-0.01	0.01
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.04%
UV Absorbance 235nm	0-0.02	0.01
UV Absorbance 210nm	0-0.3	0.23



John Su  
QA & QC Manager